

What is claimed is:

1. A stereoscopic image display apparatus comprising:
at least two linear image display devices for
respectively displaying linear images in response to image
signals; and

a moving mechanism section for periodically moving the
at least two linear image display devices along at least two
locus planes substantially parallel to each other.

2. The stereoscopic image display apparatus according
to claim 1 further including at least two image signal supply
sections for respectively supplying the image signals to the
at least two linear image display devices.

3. The stereoscopic image display apparatus according
to claim 1, wherein the moving mechanism section includes a
pair of pulleys respectively rotating about a pair of rotating
shafts, which are spaced apart and parallel to each other,
and a belt member extended between the pair of pulleys, and
the at least two linear image display devices are fixed to
the belt member at different locations of the belt member in
a moving direction.

4. The stereoscopic image display apparatus according
to claim 1, wherein the moving mechanism section includes a
disc base so that the at least two linear image display devices
are respectively placed on different radii of the disc base.

5. The stereoscopic image display apparatus according
to claim 1 further including an antireflective device behind
and in parallel to the locus planes.

6. The stereoscopic image display apparatus according to claim 1, wherein each of the at least two linear image display devices includes a plurality of light emitting diodes aligned linearly.

7. The stereoscopic image display apparatus according to claim 1, wherein the moving mechanism section includes a pair of gears respectively rotating about a pair of rotating shafts, which are spaced apart and parallel to each other, and a chain extended between the pair of gears, and the at least two linear image display devices are fixed to the chain at different locations of the chain in a moving direction.

8. The stereoscopic image display apparatus according to claim 1, wherein the moving mechanism section includes a drive mechanism which transmits rotational movements to horizontal directional movements.

9. The stereoscopic image display apparatus according to claim 1, wherein each of the at least two linear image display devices moves in a direction perpendicular to a display direction of the at least two linear image display devices.

10. The stereoscopic image display apparatus according to claim 1, wherein each of the at least two linear image display devices includes a plurality of light bulbs, organic electroluminescence devices or electron emission devices for a field emission display, which are aligned linearly.

11. The stereoscopic image display apparatus according to claim 1, wherein each of the at least two linear image

display devices includes a point light source which scans over the linear image display device in a longitudinal direction by a light emitted from the point light source.

12. The stereoscopic image display apparatus according to claim 3 further including a rotary encoder provided at one of the pair of rotating shafts for detecting locations of the at least two linear image display devices.

13. The stereoscopic image display apparatus according to claim 2, wherein the at least two image signal supply sections are respectively provided on the at least two linear image display devices.

14. The stereoscopic image display apparatus according to claim 13 further including a plurality of strip electrodes parallel to a surface of the drive belt for supplying timing signals and power-supply voltages to each of the at least two image signal supply sections via each brush-shaped electrode unit which slidably contacts the strip electrodes.

15. A stereoscopic image display apparatus comprising:
at least two linear image display means for respectively displaying linear images in response to image signals; and
moving means for periodically moving the at least two linear image display means along at least two locus planes substantially parallel to each other.

16. The stereoscopic image display apparatus according to claim 15 further including at least two image signal supply means for respectively supplying the image signals to the at least two linear image display means.

17. The stereoscopic image display apparatus according to claim 15, wherein the moving means includes a pair of pulleys respectively rotating about a pair of rotating shafts, which are spaced apart and parallel to each other, and a belt member extended between the pair of pulleys, and the at least two linear image display means are fixed to the belt member at different locations of the belt member in a moving direction.

18. The stereoscopic image display apparatus according to claim 15, wherein the moving means includes a disc base so that the at least two linear image display devices are respectively placed on different radii of the disc base.

19. The stereoscopic image display apparatus according to claim 15 further including antireflective means behind and in parallel to the locus planes.

20. The stereoscopic image display apparatus according to claim 15, wherein each of the at least two linear image display means includes a plurality of light emitting diodes aligned linearly.